

Project Title:	Semiparametric Methods for Gene-environment Interaction
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Publication Title	Authors	Journal (Pub date)	Volume/Page	PubMed Link
A general regression framework for a secondary outcome in case-control studies.	Tchetgen Tchetgen, Eric J	Biostatistics (2014 Jan)	15 / 117-28	PubMed Citation
A Note on formulae for causal mediation analysis in an odds ratiocontext.	Tchetgen Tchetgen, Eric J	Epidemiol Methods (2014 Jan 01)	2 / 21-31	PubMed Citation
A note on the control function approach with an instrumental variable and a binary outcome.	Tchetgen Tchetgen, Eric J	Epidemiol Methods (2014 Dec)	3 / 107-112	PubMed Citation
A Simple Regression-based Approach to Account for Survival Bias in Birth Outcomes Research.	Tchetgen Tchetgen, Eric J; Phiri, Kelesitse; Shapiro, Roger	Epidemiology (2015 Jul)	26 / 473-80	PubMed Citation
Accounting for interactions and complex inter-subject dependency in estimating treatment effect in c ...	Prague, Melanie; Wang, Rui; Stephens, Alisa; Tchetgen Tchetgen, Eric; DeGruttola, Victor	Biometrics (2016 Apr 08)	/	PubMed Citation
Accounting for selection bias in association studies with complex survey data.	Wirth, Kathleen E; Tchetgen Tchetgen, Eric J	Epidemiology (2014 May)	25 / 444-53	PubMed Citation
Alternative decompositions for attributing effects to interactions.	VanderWeele, Tyler J; Tchetgen Tchetgen, Eric J	Epidemiology (2015 May)	26 / e32-4	PubMed Citation
Are genetic variations in OXTR, AVPR1A, and CD38 genes important to social integration? Results from ...	Chang, Shun-Chiao; Glymour, M Maria; Rewak, Marissa; Cornelis, Marilyn C; Walter, Stefan; Koenen, Karenstan C; Kawachi, Ichiro; Liang, Liming; Tchetgen Tchetgen, Eric J; Kubzansky, Laura D	Psychoneuroendocrinology (2014 Jan)	39 / 257-68	PubMed Citation

Assessment and indirect adjustment for confounding by smoking in cohort studies using relative hazard ...	Richardson, David B; Laurier, Dominique; Schubauer-Berigan, Mary K; Tchetgen Tchetgen, Eric; Cole, Stephen R	Am J Epidemiol (2014 Nov 1)	180 / 933-40	PubMed Citation
Attributing effects to interactions.	VanderWeele, Tyler J; Tchetgen Tchetgen, Eric J	Epidemiology (2014 Sep)	25 / 711-22	PubMed Citation
Bachelors, divorcees, and widowers: does marriage protect men from type 2 diabetes?	Cornelis, Marilyn C; Chiuve, Stephanie E; Glymour, M Maria; Chang, Shun-Chiao; Tchetgen Tchetgen, Eric J; Liang, Liming; Koenen, Karen; Rimm, Eric B; Kawachi, Ichiro; Kubzansky, Laura D	PLoS One (2014)	9 / e106720	PubMed Citation
Bounds for pure direct effect.	Tchetgen Tchetgen, Eric J; Phiri, Kelesitse	Epidemiology (2014 Sep)	25 / 775-6	PubMed Citation
Commentary: building an evidence base for mendelian randomization studies: assessing the validity and ...	Tchetgen Tchetgen, Eric J; Walter, Stefan; Glymour, M Maria	Int J Epidemiol (2013 Feb)	42 / 328-31	PubMed Citation
Comparing Alternative Effect Decomposition Methods: The Role of Literacy in Mediating Educational Effects	Nguyen, Thu T; Tchetgen Tchetgen, Eric J; Kawachi, Ichiro; Gilman, Stephen E; Walter, Stefan; Glymour, M Maria	Epidemiology (2016 Sep)	27 / 670-6	PubMed Citation
Do genetic risk scores for body mass index predict risk of phobic anxiety? Evidence for a shared genetic ...	Walter, S; Glymour, M M; Koenen, K; Liang, L; Tchetgen Tchetgen, E J; Cornelis, M; Chang, S-C; Rewak, M; Rimm, E; Kawachi, I; Kubzansky, L D	Psychol Med (2015 Jan)	45 / 181-91	PubMed Citation
Estimation of a Semiparametric Natural Direct Effect Model Incorporating Baseline Covariates.	Tchetgen Tchetgen, E J; Shpitser, I	Biometrika (2014 Dec)	101 / 849-864	PubMed Citation
Estimation of risk ratios in cohort studies with a common outcome: a simple and efficient two-stage ...	Tchetgen Tchetgen, Eric	Int J Biostat (2013)	9 / 251-64	PubMed Citation

FLEXIBLE COVARIATE-ADJUSTED EXACT TESTS OF RANDOMIZED TREATMENT EFFECTS WITH APPLICATION TO A TRIAL ...	Stephens, Alisa J; Tchetgen Tchetgen, Eric J; De Gruttola, Victor	Ann Appl Stat (2013 Dec 23)	7 / 2106-2137	PubMed Citation
Identification and estimation of survivor average causal effects.	Tchetgen Tchetgen, Eric J	Stat Med (2014 Sep 20)	33 / 3601-28	PubMed Citation
Identification of natural direct effects when a confounder of the mediator is directly affected by e ...	Tchetgen Tchetgen, Eric J; Vanderweele, Tyler J	Epidemiology (2014 Mar)	25 / 282-91	PubMed Citation
Informed conditioning on clinical covariates increases power in case-control association studies.	Zaitlen, Noah; Lindström, Sara; Pasaniuc, Bogdan; Cornelis, Marilyn; Genovese, Giulio; Pollack, Samuela; Barton, Anne; Bickeböller, Heike; Bowden, Donald W; Eyre, Steve; Freedman, Barry I; Friedman, David J; Field, John K; Groop, Leif; Haugen, Aage; Heinrich, Joachim; Henderson, Brian E; Hicks, Pamela J; Hocking, Lynne J; Kolonel, Laurence N; Landi, Maria Teresa; Langefeld, Carl D; Le Marchand, Loic; Meister, Michael; Morgan, Ann W; Raji, Olaide Y; Risch, Angela; Rosenberger, Albert; Scherf, David; Steer, Sophia; Walshaw, Martin; Waters, Kevin M; Wilson, Anthony G; Wordsworth, Paul; Zienolddiny, Shanbeh; Tchetgen, Eric Tchetgen; Haiman, Christopher; Hunter, David J; Plenge, Robert M; Worthington, Jane;	PLoS Genet (2012)	8 / e1003032	PubMed Citation

	Christiani, David C; Schaumberg, Debra A; Chasman, Daniel I; Altshuler, David; Voight, Benjamin; Kraft, Peter; Patterson, Nick; Price, Alkes L		
Instrumental variable approaches to identifying the causal effect of educational attainment on demen ...	Nguyen, Thu T; Tchetgen Tchetgen, Eric J; Kawachi, Ichiro; Gilman, Stephen E; Walter, Stefan; Liu, Sze Y; Manly, Jennifer J; Glymour, M Maria	Ann Epidemiol (2016 Jan) 26 / 71-6.e1-3	PubMed Citation
Instrumental variable estimation in a survival context.	Tchetgen Tchetgen, Eric J; Walter, Stefan; Vansteelandt, Stijn; Martinussen, Torben; Glymour, Maria	Epidemiology (2015 May) 26 / 402-10	PubMed Citation
Interference and Sensitivity Analysis.	VanderWeele, Tyler J; Tchetgen Tchetgen, Eric J; Halloran, M Elizabeth	Stat Sci (2014 Nov) 29 / 687-706	PubMed Citation
Inverse odds ratio-weighted estimation for causal mediation analysis.	Tchetgen Tchetgen, Eric J	Stat Med (2013 Nov 20) 32 / 4567-80	PubMed Citation
Invited commentary: Estimating population impact in the presence of competing events.	Naimi, Ashley I; Tchetgen Tchetgen, Eric J	Am J Epidemiol (2015 Apr 181 / 571-4)	PubMed Citation
Locally efficient estimation of marginal treatment effects when outcomes are correlated: is the priz ...	Stephens, Alisa; Tchetgen Tchetgen, Eric; De Gruttola, Victor	Int J Biostat (2014) 10 / 59-75	PubMed Citation
Methodological challenges in mendelian randomization.	VanderWeele, Tyler J; Tchetgen Tchetgen, Eric J; Cornelis, Marilyn; Kraft, Peter	Epidemiology (2014 May) 25 / 427-35	PubMed Citation
Performance of polygenic scores for predicting phobic anxiety.	Walter, Stefan; Glymour, M Maria; Koenen, Karestan; Liang, Liming; Tchetgen Tchetgen, Eric J; Cornelis, Marilyn; Chang, Shun-Chiao; Rimm, Eric;	PLoS One (2013) 8 / e80326	PubMed Citation

	Kawachi, Ichiro; Kubzansky, Laura D			
Revisiting Mendelian randomization studies of the effect of body mass index on depression.	Walter, Stefan; Kubzansky, Laura D; Koenen, Karestan C; Liang, Liming; Tchetgen Tchetgen, Eric J; Cornelis, Marilyn C; Chang, Shun-Chiao; Rimm, Eric; Kawachi, Ichiro; Glymour, M Maria	Am J Med Genet B Neuropsychiatr Genet (2015 Mar)	168B / 108-15	PubMed Citation
Simulation from a known Cox MSM using standard parametric models for the g-formula.	Young, Jessica G; Tchetgen Tchetgen, Eric J	Stat Med (2014 Mar 15)	33 / 1001-14	PubMed Citation
The control outcome calibration approach for causal inference with unobserved confounding.	Tchetgen Tchetgen, Eric	Am J Epidemiol (2014 Mar 1)	179 / 633-40	PubMed Citation
Validation of a polygenic risk score for dementia in black and white individuals.	Marden, Jessica R; Walter, Stefan; Tchetgen Tchetgen, Eric J; Kawachi, Ichiro; Glymour, M Maria	Brain Behav (2014 Sep)	4 / 687-97	PubMed Citation